

## Conservation Effects

**Land use: Pasture**

**Guidance Document ID#: P1**  
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**Resource Setting:** Pasture adjacent to surface water.

### **RMS Alternative #2**

Fence (382)

Grade Stabilization Structure (410)

Heavy Use Area Protection (561)

Nutrient Management (590)

Pest Management (595)

Prescribed Grazing (528A)

Riparian Forest Buffer (391)

Watering Facility (614)

Well Decommissioning (351)

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
<b>SOIL Erosion</b>		
1) Sheet & rill erosion	Heavy Use Area Protection (561) Prescribed Grazing (528A)	soil loss less than “T”
2) Wind erosion	Prescribed Grazing (528A)	soil loss less than “T”
3) Classic gully/ concentrated flow erosion	Grade Stabilization Structure (410)	gullies stabilized
4) Other erosion	Heavy Use Area Protection (561)	areas stabilized
<b>WATER Quality – ground water</b>		
1) Pesticides	Pest Management (595) Well Decommissioning (351)	pesticide movement minimized
2) Nutrients	Nutrient Management (590) Well Decommissioning (351)	nutrient movement minimized
3) Pathogens	Well Decommissioning (351)	conduit eliminated
<b>WATER Quality – surface water</b>		
1) Pesticides	Pest Management (595) Riparian Forest Buffer (391)	pesticide movement minimized
2) Livestock operations	Nutrient Management (590) Riparian Forest Buffer (391)	Manure and nutrient movement minimized.
<b>WATER Quantity – no concern</b>		
<b>AIR</b>		
1) Airborne Chemical Drift	Pest Management (595)	Application in compliance with laws and consistent with Drift Management Plan.
2) Airborne Odors		No complaints or complaints resolved.

\* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
<b>PLANTS</b>		
1) Invasive species and noxious weeds	Pest Management (595) Prescribed Grazing (528A)	Invasive species and noxious weeds controlled.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.
<b>ANIMAL Habitat</b>		
1) Wildlife Habitat secondary purpose		Must have three (3) species of grass/legumes in existing pasture to provide Herbaceous Cover Habitat Index over 0.35.
2) Warmwater and coldwater fisheries	Riparian Forest Buffer (391)	35 feet of permanent vegetation along watercourses
<b>ANIMAL Management</b>		
1) Domestic animal wellbeing	Fence (382) Heavy Use Area Protection (561) Prescribed Grazing (528A) Watering Facility (614)	Care of animals regarding food, water, shelter and safety consistent with GAAMPs.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

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